INDEX OF AUTHORS FOR THE YEAR 1902.

VOL. XI.

ABRAMS, A. E., 592, 593, 601.
Allen, S. E., 669.
Alsen, 148.
Alt, F., 160.

BABER, E. Creswell, 752.
Baker, C. H., 147.
Baker, 538.
Ball, 342.
Ballenger, W. L., 190, 352, 359, 362, 364, 373, 375, 378, 470, 554, 570, 573, 586, 587.
Bardes, A. C., 134.
Baron, 345.
Barth, 136.
Bass, H. T., 831.
Beck, J., 215, 354, 362, 365, 371, 375, 378.
Berens, T. P., 585, 587, 596.
Berens, C., 611, 618, 620.
Berthold, E., 794.
Black, N. M., 339.
Bokay, Von., 346.
Booth, B. S., 212, 593, 597, 604, 606.
Bosworth, F. H., 150.
Bowlby, 814.
Braislin, 333.
Branson, 335, 803.
Brieger, 149.
Bronner, A., 724, 756, 786.
Brown, M., 663.
Brown, P. K., 816.
Brown, R. C., 342.
Bryan, J. H., 812.
Bylsma, R., 805.

CAMPBELL, C., 829.
Church, B. F., 475.
Coakley, C. G., 559, 578, 579, 580, 592, 594, 597, 602, 615, 618.
Cobb, C. M., 41, 145, 830.
Cobb, F. C., 575, 598, 599, 602, 608, 612, 619.
Coffin, L. A., 554, 558, 576, 579.
Collier, Mayo, 335, 784, 803.
Collins, B. E., 338.
Corwin, 613.
Cott, G. F., 792.
Cox, C. N., 467.
Crile, G. W., 532.
Curtis, H. Holbrook, 574, 577, 592, 594, 596, 602, 606, 608, 610, 611, 613.

DAY, E. W., 520, 526, 568, 584.
Dench, E. B., 135, 553, 561, 569, 570, 581, 583, 604, 790.
Denker, A., 147, 799.
Donaldson, 345.
Downie, 347.
Duel, A. B., 614.
Dunn, John, 798.
Dupuy, H., 144.
Dwight, Thomas, 632.

ELLIS, H. B., 572.
Elsworth, R. C., 784.
Emerson, L., 810.
Ephraim, A., 794.
Eulenstein, H., 797.
Ewing, F. C., 368.

FAGGE, C. H., 763.
Farrell, T. H., 578, 582.
Fetterolf, G., 589, 591.
Firth, 336.
Freeman, W. J., 146.
Freer, O. T., 340.
Freudenthal, W., 167, 572, 573, 574, 602, 609, 610, 829.
Fridenberg, P., 148.

GANGHOFER, 826.
Gibb, J. T., 571.
Gidlonsen, 347.
Gleitsmann, J. W., 148, 821.
Goldschmidt, B., 824.
Goldstein, M. A., 355, 361, 363, 377, 379, 383, 553, 556, 569, 571, 572, 587, 590.
Goodale, J. L., 344, 348.
Goodsell, 825
Gorke, Max, 149.
Gradenigo, G., 793.
Grant, Dundas, 745, 759, 763.
Griffin, E. H., 158.
Griffith, 825.
Grossmann, 133.
Grunert, 329.
Grunwald, L., 152, 729.

HABERMAN, I., 331.
Haike, H., 807.
Halasz, 815.
Halsted, T. H., 588, 787.
Hamm, 805.
Hammerschlag, 138.
Hammond, Philip, 789.
Hansen, 330.
Haring, N. G., 723.
Harland, W. G. B., 336, 830.
Harris, Thos. J., 54, 286, 437, 578, 580, 586, 600, 605, 615, 616.
Hartz, H. J., 585, 637.
Haskin, W. H., 491, 581, 583.
Haug, 794.
Hensen, 802.
Herzfield, 134.
Hilgermann, R., 796, 805.
Hinsberg, V., 803.
Hobart, M. F., 337.
Holmes, C. R., 295, 351, 357, 358, 359, 362, 372, 378, 379, 381, 383, 551, 558, 565, 584, 586, 587.
Holt, E. E., 788.
Hoople, H. N., 616, 809.
Hopkins, Geo. W., 27.
Hopkins, F. E., 343.
Horne, W. J., 724, 783, 785.
Hovell, T. Mark, 753.

INGERSOLL, J. M., 512, 560, 584, 810.

JACK, F. L., 324.
Jackson, Chevalier, 649.
Jacobson, 162.
Jansen, 133, 385.
Jarecky, H., 818.
Joachim, O. 385.
Jurgens, E. 160.

KAHN, 828.
Kaufmann, 135.
Kelson, W. H., 757.
Kenefick, J. F., 610.
Kein, G., 153.
Killian, 823.

Klug, 807.
Knapp, A., 796.
Knapp, Herman, 394.
Knight, C. H., 831.
Kuttner, A., 822.
Kyle, D. Barden, 557, 559, 590, 809.

LACK, 729, 747, 756, 814.
Lake, 339, 783.
Large, S. H., 672.
Lederman, M. D., 550, 551, 557, 566, 569, 584, 607, 609, 611.
Lees, 802.
Lenoir, Olivier, 64.
Leonard, Z. L., 610, 613.
Leroin, Leon, 137.
Leroy, Raoul, 122.
Lester, J. C., 200, 618.
Levy, R., 196, 358, 360, 361, 362, 368, 371, 379, 551, 555, 558, 567, 570, 574.
Lewis, G. G. 806
Lewis, R., 326.
Lincoln, W. R., 560, 590.
Lodge, S., 728.
Loeb, H. W., 64, 356, 367, 373, 377, 378, 382, 556, 559, 561, 570, 625.
Love, Kerr, 756, 771, 782, 784.
Lutz, S. H., 605.

McKUEN, G. H., 161, 561, 569, 589.
Manasse, Paul, 132, 141.
Mann, 828.
Matheny, R. H., 151.
Matte, 331.
Mayer, Emil, 344, 810.
McAuliffe, G. B., 615.
McBride, P., 723, 733, 758, 763.
McCaw, J. F., 143, 292, 566, 579, 580.
McCosh, A., 155.
Mc Crindle, 829.
McDonald, 723.
McKernon, J. F., 178, 604.
McReynolds, J. O., 554, 556, 569, 570, 572.
Meierhof, 798.
Miller, Albert, 122.
Miller, F. A., 579.
Milliner, F. H., 341.
Milligan, W., 730, 758, 784.
Moorhead, 348, 828.
Munger, C. E., 207, 559, 592, 595, 601, 611.
Myers, H. L. 290, 597, 598.
Mygind, H., 823.
Myles, R. C., 423, 546, 574, 578, 596, 597, 600, 605, 607, 609, 611.

NEMIA, J., 157.
Neumann, 825.
Newcomb, J. E., 145.
ONODI, A., 157, 728, 823.
Oppenheimer, S., 231.
Ostman, 807.

PACKARD, F. R., 505, 559.
Panse, 800.
Parker, E. F., 203.
Payne, R., 501.
Pearson, 342.
Pegler, L. H., 757.
Phillips, W. C., 142, 580, 582, 584, 586, 598, 604, 607, 661.
Pierce, N. H., 258, 353, 354, 361, 362, 366, 373, 376, 380, 382, 797.
Pinder, 783.
Poinot, E., 154.
Poirier, H., 155.
Polvak, L., 813.
Pooley, T. R., 516, 608, 609, 610.
Porcher, W. P., 802.
Porter, C. A., 816.
Pottenger, F. M., 507.
Price-Brown, 44, 442.
Pritchard, U., 742, 758, 762.
Pyle, E. W., 1[illegible].

Pusey, 339.

QUINLAN, F. J., 612, 619.

RANDALL, B. A., 36, 327.
Renner, W. S., 787.
Rice, 675.
Richards, G. L., 263, 550, 553, 556, 560, 564, 570, 587, 592, 595, 596, 598, 599, 605, 610, 620.
Richardson, Chas. W., 1, 187, 418, 549, 595, 606, 607, 608, 819.
Richter, G., 824.
Ritter, 152.
Roberts, W. H., 530.
Robinson, W. K., 348.
Rodiger, 819
Rohrer, F., 139, 141, 744, 764.
Root, A. G., 597, 614, 619.
Rosenstern, J., 336.
Ross, G. T., 593, 595, 596, 601, 605.
Roy, Dunbar, 482, 552, 555, 558, 580, 581.

SALUS, 826.
Sampson, W. S., 154.
Sauer, W. E., 367.
Scheler, Max, 345.
Schenke, 339.
Schonemann, 813.
Schrotter, H. von, 348.
Schultze, W., 329.
Schwabach, 139, 800.
Schwidop, 331.
Seiler, C., 159.
Semon, Felix, 727, 753.
Shattock, 342.
Shields, W. B., 209, 354, 361, 366, 378, 379, 382, 383, 558, 560, 561, 580.
Shurley, E. L., 818.
Siegert, F., 346.
Simon, A., 81[illegible].
Smith, Harmon, 591.
Smith, S. M., 327, 552 556, 565.
Snow, S. F., 551, 555, 557, 578, 802.
Snydacker, 333.
Somers, L. S., 806.
Spicer, Scanes, 725, 749.
Steele, J. S., 145.
Stein, O. J., 183, 351, 369, 365, 371, 373, 374, 376, 381, 382, 579.
Stenger, 795.
Sternberg, 549.
Stuart-Low, 678.
Stucky, J. A., 254, 351, 354, 358, 360, 361, 367, 373, 375, 379, 558, 561, 568, 572, 587, 590.
Sturm, 139.
Sympson, 346.
Szontagh, 824.

THEOBALD, SAMUEL, 801.
Thiesen, C. F., 820.
Thompson, 820.
Thompson, J. A., 554, 571, 572, 573.
Thorne, A., 766, 772.
Tilley, H., 727.
Tod, Hunter, 772.
Todd, C. A., 812.
Toeplitz, M., 814.

UNGAR, 808.
Unterberger, 827.
Uy, V., 819.

VANSANT, E. L., 428, 575.
Veis, J., 820, 825.
Voss, 332, 799.

WATSON, C., 335, 773, 784.
Wells, W. A., 455, 588.
Westmacott, F. H., 728.
Whitehead, A. L., 757.
Wild, O., 160, 727.
Wild, Von., 812.
Willard, DeForrest, 162.

Williams, 345.
Williams, P. Watson, 724.
Wilson, N. L., 593, 608, 614, 615.
Wingrave, 407.
Wishart, D. J. G., 494, 554, 558, 581.
Witte, 139.
Wood, G. B., 818.
Woods, 803.
Wright, Jonathan, 17.
Wroblewski, W., 830.
Wynter, 814.
Zupnic, 826.
Zur Muhlen, A. V., 141.

INDEX OF SUBJECTS FOR THE YEAR 1902.

VOL. XI.

ABSCESS, brain, Jack, 324; Lewis, 326; Manasse, 132; Woods, 803.
Abscess, cerebellum, Knapp, 796.
Abscess, mastoid, double, Richardson, 418.
Abscess, peritonsillar, Cobb, 599.
Abscess, retropharyngeal, Klen, 153; Pearson, 342.
Abscess, pharyngeal, Poirier, 155.
Abscess, sphenoid, 604.
Abscess, sphenoidal lobe, with ear lesion, Lees, 802.
Abscess temperosphenoidal, McKernon, 178.
Abductor paralysis of larynx, Wishart, 581.
Accommodation in human ear, Hensen, 802.
A C E Mixture in adenoid operations, Gleitsmann, 148.
Address of Welcome, Sternberg, 546.
Address, president's, Richardson, 549.
Adenoid infection, constitutional manifestations, Kyle, 557.
Adenoids, Breiger, 149; Gleitsmann, 148; Gorke, 149; Munger, 207, 592; Wishart 494.
Adenoids, influence on palatial arch, Milliner, 341.
Adenotomy followed by torticollis, Ingersoll, 512, 560.
Adenoma, nose, Mayer, 810.
Adhesion of drum to head of stapes, after operative treatment of otitis media suppurativa, Matte, 331.
American Laryngological, Rhinological and Otological Society, 549.
American Laryngological, Rhinological and Otological Society, Eastern Section, 592.
American Laryngological, Rhinological, and Otological Society, Middle Section, 351.
Anesthesia for mucous membrane, Wroblewski, 830.
Anesthetic local in drum and meatus operations, Haug, 794.
Aneurysm, thoracic, causing paralysis of the right vocal cord, Baron, 345.
Angina, Uy, 819.
Angina nondiphtheritic, articular complications, Poinot, 154.
Angina, Vincent's, Thompson, 820.
Angio-fibroma of nose, Newcomb, 145.
Aniline oil toxic symptoms from use in ear, Dupuy, 144.
Antistreptococcus serum, use in septicemia following mastoid operation, Hobart, 337.
Antrectomy, Lenoir-Loeb, 64.
Antrum empyema, Emerson, 810; Hoople, 619, 809; Rice, 675.
Antrum of Highmore, 575.
Antrum polpi, Myles, 596.
Articular complications in nondiphtheritic angina, Poinot, 154.
Articulation, cinchonism effects on, Seiler, 159.
Asthma, Bass, 831.
Atresia of auditory canal, Schwidop, 331.
Atrophic rhinitis, treated by injection of paraffin, Lake, 339.
Auditory apparatus, theory of cross education applied to, Somers, 806.
Auditory canal, epithelioma, Pooley, 516.
Auditory canal, atresia, 331.
Auditory canal, foreign body in, Roberts, 550.
Auditory nerve, pathologic anatomy, Manasse, 141.
Auditory paralysis, Herzfield, 134.
Aural Bougies, Richards, 550.
Aural complications of influenza, Smith, 327.
Auricle, malformation, Rohrer, 764.
Auricle of anthropoid monkeys, Rohrer, 764.
Auricle, epithelioma, Pooley, 516, 609.

BEZOLD'S mastoiditis, Dunn, 798.
Book reviews, 164, 621, 622, 833, 834.
Bougies, aural, Richards, 550.
Branchial cleft, sarcoma, Newcomb, 145.
Brain abscess, Jack, 324; Lees, 802; Lewis, 326; Manasse, 132; Woods, 803.
Brain, otitic diseases, Witte and Sturm, 139.
British Medical Association, Section of Otology, 730.
Bursitis, suppurative, Branson, 335, 803

CAROTID, anomalous position, Wood, 818.
Carotid, internal, tortuosity, Moorhead, 348, 828.
Cancer, larynx, Donaldson, 345.
Carcinoma, tongue, Rodiger, 819.
Catarrh, ear, Harris, 437, 586.
Catarrh, throat, Harris, 437, 386.
Catarrhal deafness, Cobb, 145; Snow, 551.
Cerebellum abscess, Knapp, 796.
Cerebellum tumor, Day, 526, 584.
Cervical lymphnodes, scrophulous, Unterberger, 827.
Cholesteatoma, Ephraim, 794, Grant, 759.
Chorea, larynx, McCaw, 292.
Cinchonism, effects on articulation and vocalization, Seiler, 159.
Cleft palate, Porter, 816.

Climate in laryngeal tuberculosis, Levy, 555.
Cocain and nitrous oxid in septum operations, Booth, 212.
Constitutional diseases, mastoid operation in, Barth, 136.
Constitutional manifestations in adenoid infection, Kyle, 557.
Corditis cantorum, Miller, 579.
Cyanosis, external ear, Rohrer, 141.
Cysts in faucial and pharyngeal tonsils, Goodale, 344.

DEAF education in London, Thorne' 766.
Deafmute Institute, Westphalien, Denker, 799.
Deafmutism, Haberman, 331; Schwabach, 800.
Deafness, catarrhal, Cobb, 145; Snow, 551; 802.
Deafness, chronic progressive, Collier, 335.
Deafness, middle ear, Watson, 335, 773.
Defects, speech, Brown, 665.
Delirium in empyema of sphenoid sinus, Wright, 17.
Diphtheria, Ganghofer, 826; Kahn, 828; Salus, 826; Zupnic, 826.
Diphtheria, relations of ear, Lerion, 137.
Diplacusis, monauralis, Berthold, 794.
Discharges, Wingrave, 407.
Dizziness, Panse, 800.
Douches, Wingrave, 407.
Drum adhesion to stapes head, Matte, 331.
Drum, blue color, Rohrer, 139.
Drum cicatrix, pulsation, Grossmann, 133.
Drum operations, local anesthetics, Haug, 794.
Drum, varices, Rohrer, 139.
Drum, vibration massage, Schwabach, 139.
Dysphagia, hysterical, Ball, 342.

EAR accommodation, Hensen, 802.
Ear cases, recording, Randall, 36.
Ear catarrh, Harris, 586.
Ear complications of influenza, Goldstein, 383.
Ear disease and nasal obstruction, Bardes, 134.
Ear diseases, and hysteria, Voss, 332.
Ear diseases, study, teaching and prevention, Milligan, 730.
Ear in diphtheria, Leroin, 137.
Ear sequestrum, Grossmann, 133.
Edema, larynx, Griffith, 825.
Electric light in disease of resperatory organs, Freudenthal, 574, 829.
Electro-bougie treatment of eustachian tube, Harris, 54.
Electrolysis in eustachian tube, Pierce, 797.
Empema, ethmoid sinus, Bryan, 812; Toeplitz, 814; Rice, 675
Empyema, frontal sinus, Berens, 618; Bryan, 813; Lack, 814; Richards, 263; Toeplitz, 814; Wild, 812.
Empyema, maxillary sinus, Olsen, 148; Emerson, 810; Hoople, 616, 809; Rice, 675.
Empyema, sphenoid, Bryan, 812; Wright, 17.
Encephalitis, hemorrhagica followed by fetal disease of labyrinth, Haike, 807.
Epileptiform, convulsions from shoe button in nose, Steele, 145.
Epithelioma, auditory canal, Pooley, 516.
Epithelioma, auricle, Pooley, 516, 609.
Epithelioma, mastoid, Haskin, 581.
Epithelioma, middle ear, Haskin, 491.
Epithelioma, tympanic cavity, Haskin, 581.
Epithelioma, uvula and soft plate, McCord, 579.
Esophagotomy, Crindle, 829.
Esophagus, foreign bodies, Allen, 669.
Ether, hydrobromic, Wishart, 494.
Ethmoid cells, VanSant, 428, 575.
Ethmoid, empyema, Bryan, 812; Rice, 675.
Ethmoid, mucocele, Bowlby, 814
Ethmoiditis, Shields, 269, 378.
Eunuch, larynx in, Scheier, 345.
Eunuchoid voice in a female, Loeb, 378.
Eustachian tube, electrolysis, Pierce, 797.
Eustachian tube, treatment by electro-bougie, Harris, 54.
Exenteration, tympano - mastoid, Payne, 501.
Exfoliation, external auditory meatus, Lederman, 550.
Exophthalmos, following mastoiditis, Large, 672.
External, auditory meatus, exfoliation, Lederman, 550.
External ear, cyanosis, Rohrer, 141.
External ear, gangrene, Rohrer, 141.
External recti paralysis following middle ear suppuration, Collier, 803.
Eye disturbance in empyema, antrum, Hoople, 809.
Eye fundus, in otitic intracranial diseases, Hansen, 330.

FACIAL paralysis, Herzfield, 134.
Fauces keratoses, Richardson, 607.
Fibroma, nasopharyngeal, Holmes, 295, 351.

Fibromyxoma, ear, Lederman, 550.
Fibro-papilloma larynx, Loeb, 559, 625.
Fistula, congenital of external nose, Pierce, 258, 261.
Foreign bodies, air passages, Willard, 162.
Foreign body, bronchi, Jurgens, 160; Wild, 160.
Foreign body, ear, Friedenberg, 148; Lederman, 551.
Foreign body, esophagus, Allen, 669; Crindle, 829.
Foreign body, external auditory canal, Roberts, 530.
Foreign body, larynx, Halsted, 588; Onodi, 823.
Foreign body, nose, Friedenberg, 148; Steele, 145; Ingersoll, 810.
Foreign body, pharynx, Samson, 154.
Foreign body, trachea, Richards, 595.
Frontal sinus, Coffin, 576; Curtis, 577.
Frontal sinus, empyema, Berens, 618; Bryan, 812; Lack, 814; Rice, 675; Richards, 263; Wild, 812.
Fusiform, bacillus in affections of mouth and throat, Mayer, 344.

GANGRENE, external ear, Rohrer, 141.
Gasserian ganglion involved in suppurative otitis media, Hilgermann, 797, 805.
Gelatin, post-operative laryngeal hemorrhage, Goldschmidt, 824.
Granuloma, nasal, Myers, 290.

HAY FEVER, Fink, 815; Simon, 815.
Hearing apparatus, malformation, Kaufmann, 135.
Hemoglobinuria, cyanosis and gangrene of the external ear, a symptom, Rohrer, 141.
Hemorrhage from nasal operations, McKeynolds, 572.
Hemorrhagic diathesis in operations on nose and throat, Griffin, 158.
Hoarseness, chronic, Williams, 345.
Hot air treatment of middle-ear catarrh, Bronner, 786.
Hydrobromic ether, Wishart, 494.
Hypesthesia acustica, Hammerschlag, 138.
Hysteria and ear diseases, Voss, 332.
Hysteria following otitis media acute, Ungar, 808.
Hysteria in ear diseases, Voss, 799.
Hysterical dysphagia, Ball, 342.
Hysterical hypesthesia acustica, Hammerschlag, 138.
Hysterical mutism in history, Leroy-Miller, 122.

INFECTION adenoid, constitutional manifestations in, Kyle, 557.
Infectious diseases, effects on upper respiratory tract, Cobb, 831.
Influenza, Shields, 560.
Influenza, ear complications, Goldstein, 382.
Internal ear, pathologic anatomy, Manasse, 141.
Intracranial complications of acute and chronic middle-ear suppuration, Schenke, 330.
Intracranial diseases, otitic, eye fundus in, Hansen, 330.
Intranasal surgery in middle-ear disease, non-suppurative, McBride, 733; Pritchard, 742.
Intratracheal injections, Campbell, 829.
Intubation, Von Bokay, 346; Goodale, 348; Goodsell, 825; Kahn, 828.
Intubation and tracheotomy in diphtheria under sero-therapy, Siegert, 346.
Intubation followed by laryngeal stenosis, Duel, 614.

JUGULAR bulb, thrombosis, Stenger, 795.
Jugular internal, Mann, 828.
Jugular ligation, Rosenstein, 336.
Jugular ligation in sinus thrombosis, Firth, 336.
KERATOSIS fauces, Richardson, 187, 607.
Keratosis pharynx, Richardson, 819.

LABYRINTH disease fetal following encephalitis hemorrhagica, Halke, 807.
Labyrinth necrosis with bilateral facial and auditory paralysis, Herzfield, 134.
Labyrinth, suppuration, Hinsberg, 803.
Laryngitis circumscripta, Richter, 824.
Laryngitis croupous, Szontagh, 824.
Laryngitis submucosa infectiosa acuta, Onodi, 157.
Laryngology, recent advances, Knight, 831.
Larynx, abductor paralysis, Wishart, 581.
Larynx cancer, Donaldson, 345.
Larynx chorea, McLaw, 292.
Larynx fibropapilloma, Loeb, 559, 625.
Larynx, foreign body, Halsted, 588.
Larynx hemorhage, postoperative, Goldschmidt, 824.
Larynx in eunuchs, Scheier, 345.
Larynx papilloma, Loeb, 559, 625; Parker, 203; Roy, 482, 580; Sympson, 346.
Larynx stenosis, Duel, 614; McCosh, 155; Price-Brown, 44.
Larynx symptoms complicating purpura hemorrhagica, Gibb, 571.
Larynx, thyroid gland in, Wells 588.
Larynx, tuberculosis, Levy, 196, 362, 555; Price-Brown, 44.
Leukopenia, Brown, 816.
Leukoplakia buccalis, Stein, 183, 371.
Lingual tonsil hyperplasia, Oppenheimer, 231.
Lingual tonsil hypertrophy, Jarecky, 818.
Lithemic nasopharyngitis, Stucky, 254, 358.

MALFORMATION, auricle, Rohrer, 764.
Malformation of the hearing apparatus, Kaufmann, 135
Malignancy and mucin, Stuart-Low, 678.
Malignant disease of mouth and neck, Crile, 532.
Massage, vibration of the drum, Schwabach, 139.
Mastoid abscess, double, Richardson, 418.
Mastoid disease, Porcher, 802.
Mastoid inflammation acute, Halsted, 787.
Mastoid inflammation, means for combatting, Theobold, 801.
Mastoiditis, acute, Dench, 135.
Mastoiditis, Bezold's, Dunn, 798.
Mastoiditis, followed by exophthalmos, Large, 672.
Mastoiditis tuberculous, McCaw, 143.
Mastoid operation, Hammond, 789; Haskin, 581; Holt; 788; Jackson, 649; Payne, 501; Renner, 787; Phillips, 142; Randall, 327.
Mastoid operation, after-treatment without tamponade, ZurMuhlen, 141.
Mastoid operation and neurosis, Stenger, 795.
Mastoid operation, double, Richardson, 418.
Mastoid operation for caries, Rosenstern.
Mastoid operation in constitutional diseases, Barth, 136.
Mastoid operation, septicemia following, 337.
Mastoid operation temperature, after, Harris, 286, 625.
Mastoid, outfit, Phillips, 582.
Mastoid suppuration, symptoms pointing to operation, Phillips, 142.
Mastoid surgery, acute, Pyle, 327.
Maxillary sinus, Cobb, 575.
Maxillary sinus, empyema, Alsen, 148.
Maxillary sinus, polypi, Myles, 546.
Meatus operations, local anesthetics, Haug, 794.
Meniere symptom complex, Bylsma, 805.
Meninges, otitic diseases, Witte and Sturn, 139.
Meningitis, bucco-naso-pharyngeal origin, Jacobson, 162.
Meningitis from extension through osteo-myelitis of petrous bone, Knapp, 334.
Meningitis, tuberculous, McCaw, 143.

Mental symptoms in empyema of sphenoid sinus, Wright, 17.
Middle ear catarrh, chronic dry, Hamm, 805.
Middle ear catarrh, hot air treament, Bronner, 786.
Middle ear deafness, Watson, 773.
Middle ear disease, non-suppurative, intranasal surgery in, McBride, 733; Pritchard, 742.
Middle ear epithelioma, Haskin, 491.
Middle ear inflammation, acute, does early treatment prevent serious complications? Meierhoff, 79 8,
Middle ear in tuberculosis, Collins, 338.
Middle ear, microscope in diagnosis of chronic suppurations, Snydacker, 333.
Middle ear suppuration, ablation of both mastoids, Holt, 788.
Middle ear suppuration followed by optic neuritis and paralysis of external recti, Collier, 803.
Middle ear suppuration, involving Gasserian ganglion, Hilgerman, 797.
Middle ear suppuration, pus examination, Phillips, 582.
Middle ear tuberculosis, Goldstein, 569.
Middle ear tumor, Braisiln, 333.
Mirrors, prevention of clouding, Downie, 34.
Mouth-breathing, Ballenger, 470, 573.
Mucin and malignancy, Stuart-Law, 678.
Mucocele, ethmoid, Bowlby, 814.
Mucosa nasal, changes in bloodvessels due to nephritis, Schonemann, 813.
Mutism hysterical in history, Leroy-Miller, 122.
Mycosis pharyngis, Beck, 215, 371.
Myxedema following removal of accessory thyroid in pharynx, Shurley, 818.

NARES, anterior, congenital absence, Wynter, 814.
Nasal catarrh, curability, Cobb, 145.
Nasal hemorrhages from operations, McReynolds, 572.
Nasal neoplasm, external, Lester, 200.
Nasal obstruction and ear disease, Bardes, 134.
Nasal operations, Denker, 147.
Nasal septum perforation, Richardson, 1.
Naso-lacrymal duct, probing from the nose, Polyak, 813.
Nasopharyngeal fibroma, Holmes, 295, 351.
Nasopharyngitis, lithemic, Stucky, 254, 358.
Naso-pharynx tumor, Makuen, 567.
Neck, venous system, Dench, 581.
Necrosis, labyrinth, with bilateral facial and auditory paralysis, Herzfield, 134.
Necrosis, temporal bone, Packard, 505, 559.
Neoplasm, external nasal, Lester, 200, 618.
Nerve element in nose and throat diseases, Harland, 830.
Nitrous oxid and cocain in septum operations, Booth, 212.
Nose absence, congenital, Winter, 814.
Nose, angio-fibroma, Newcomb, 145.

OBSTRUCTION, nasal and ear disease, Bardes, 134.
Ocular disturbances in frontal and ethmoid empyema, Toeplitz, 814.
Odor, disagreeable from mouth, Ritter, 152.
Operations, intranasal, Denker, 147.
Operations on nose and throat, hemorrhagic diathesis, Griffin, 158.
Optic neuritis, following middle-ear suppuration, Collier, 803.
Osteomyelitis of petrous bone, Knapp, 334.
Osteo-sarcoma, inferior turbinate, Newcomb, 145.
Otitic intracranial diseases, fundus of eye in, Hansen, 330.
Otitic pyemia, Schultze, 329.
Otitis media acute, followed by hysteria, Ungar, 808.
Otitis media, catarrhal superheated air in, Hopkins, 27.
Otitis media, followed by suppurative bursitis, Bra son, 333, 803.
Otitis media insidiosa, Hartz, 586, 657.
Otitis media suppurative, causing retropharyngeal abscess, Kien, 153.
Otitis media, suppurative, endocranial complications, Schenke, 330.
Otitis media suppurative, involving gasserian ganglion, Hilgermann, 805.
Otitis media suppurative, operative procedures, Dench, 561.
Otitis media suppurative, operative treatment, 564.
Otitis media, tuberculous, McCaw, 143.
Otorrheal patients, surgeon's duty to, Church, 470.

PALATE arch, influence of adenoids on, Millener, 341.
Palate cleft, Porter, 816.
Palate, epithelioma, McCaw, 579.
Papilloma, larynx, Loeb, 625; Parker, 203; Roy, 482, 580; Sympson, 346.
Papilloma, nasal septum, Newcomb, 145.
Papilloma operations, instrument, Nemia, 157.
Paraffin injections, Alt, 160; Lake, 339; Neumann, 835; Smith, 591.
Paralysis, abductor of larynx, Wishart, 581.
Paralysis, auditory, Herzfield, 134.
Paralysis, facial, Herzfield, 134.
Paralysis recurrent, Mygind, 823.
Paralysis, right vocal cord, due to thoracic aneurysm, Baron, 345.
Perforation septum, Richardson, 1.
Peritonsillar abscess, Cobb, 599.
Pharyngeal tonsil hyperplasia. See adenoids.
Pharyngitis, acute infectious, Brown, 816.
Pharyngitis lateralis hypertrophica, Baker, 538.
Pharyngo-mycocis leptothrica, Beck, 215, 371.
Pharynx, abscess, Poirier, 155.
Pharynx development, Dwight, 632.
Phraynx imperforate, Shattock, 342.
Pharynx, phlegmon, Grunwald, 152.
Phthisis pulmonalis, simplicity in tratment, Robinson, 348.
Pneumatic chamber treatment for chronic dry catarrh of middle-ear, Hamm, 805.
Polypi antrum, Myles, 546, 596.
Polypi, post-nasal, Richards, 595.
Predisposition to ear diseases in tubercular ancestry, 807
Prevention of ear diseases, Milligan, 730.
Pulsation, arrhythmic in cicatrix of

the drum membrane, Grossmann, 133.
Purpura hemorrhagica complicated by larynx symptoms, Gibb, 571.
Pyemia, otogenous, Jansen, 133; Jansen-Joachim, 385; Schultze, 329.

RECORDING ear cases, Randall, 36.
Recurrent paralysis, Mygind, 823.
Retropharyngeal abscess, Klen, 153; Pearson, 342.
Rheumatism, nose, Freudenthal, 167; 610.
Rhinitis rheumatic, Freudenthal, 167; 610.
Rhinitis atrophic, Lake, 339.
Rhinitis, hypertrophic, Leonard, 610.
Rhino-laryngologic reports, Von Schrotter, 348.
Rhinologist in prevention of tuberculosis, Pottinger, 507.
Rhinolith, Ingersoll, 810.
Roentgen ray in epithelioma of uvula and soft palate, McCaw, 579.

SARCOMA, branchial cleft, Newcomb, 145.
Sarcoma, subglottic, Gleitsmann, 821.
Sarcoma superior maxilla, Puzey, 339.
Sarcoma trachea, Killian, 823.
Sclerosis, otic, Hartz, 585, 637.
Septicemia following mastoid operation, Hobart, 337.
Septum, nasal deflections, Fetterolf, 589; Freer, 340; Kyle, 809.
Septum, nasal deflections and deformities, Black, 339.
Septum nasal deformities and deviations, Ballenger, 190, 375.
Septum nasal operations, Booth, 604.
Septum nasal, operations under cocain and nitrous oxid, Booth, 212.
Septum nasal papilloma, Newcomb, 145.
Septum, nasal, perforation Richardson, 1.
Sequestrum of ear, Grossmann, 133.
Sinus accessory, Myles, 423, 574.
Sinus ethmoid, Van Sant, 428, 575.
Sinus, frontal, Coffin, 576; Curtis, 577.
Sinus, frontal empyema, Berens, 618; Richards, 263.
Sinus, lateral operation, Rosenstein, 336.
Sinus maxillary, Cobb, 575.
Sinus, maxillary, empyema, Alsen, 148; Hoople, 616.
Sinus, maxillary polypi, 596.
Sinus, sphenoid empyema, Wright, 17.
Sinus, thrombosis, Dench, 790; Cott, 792.
Sinus, thrombosis cavernous, Day, 520.
Sinus, thrombosis, ligation of jugular, Firth, 336.
Sinus, thrombosis otogenous, Grunert, 329.
Skin-grafting, for stenosis of larynx, McCosh, 155.
Somnolence, caused by ear lesion, Harland, 336.
Speech defects, Brown, 665.
Speech in backwardness of children, Makuen, 161
Sphenoid, abscess, McKernon, 604.
Sphenoid sinus, empyema, Bryan, 812; Wright, 17.
Spirillum of Vincent in affections of the mouth and throat, Mayer, 344.
Stapes head ahesion to drum, Matte, 331.
Stenosis larynx, Duel, 614; McCosh, 155; Price-Brown, 442.
Struma, intratracheal, Theisen, 820.
Submaxillary adeno-phlegmon, Poirier, 155.
Superheated compressed air in chronic catarrhal otitis media, Hopkins.
Superior maxilla, removal, Puzey, 339.
Superior maxilla sarcoma, Puzey, 339.
Syphilis nose, Todd, 812.
Syphilis of nose and throat, treatment, Cobb, 41.

TEMPERATURE after mastoid operation, Harris, 615.
Temporal bone anatomy, Elsworth, 785.
Temporal bone necrosis, Packard, 505, 559.
Temporal bone suppuration, causing toxemia, Eulenstein, 797.
Tempero-sphenoidal abscess, McKernon, 178.
Throat catarrh, Harris, 586.
Thrombosis, bulbus jugularis, Stenger, 795.
Thyroid gland, accessory in larynx, Wells, 455, 588.
Thyroid, accessory in pharynx, Shurley, 818.
Thyrotomy for laryngeal papilloma, Parker, 203.
Tinnitus aurium, Lewis, 806.
Tongue carcinoma, Rodiger, 819.
Tonsil, as normal physiologic organ of body, Bosworth, 150.
Tonsil chancriform ulcer, Thompson, 820.
Tonsil cysts, faucial and pharyngeal, Goodale, 344.
Tonsil, function and differential diagnosis, Matheny, 151.
Tonsil, malignant disease, Hopkins, 343.
Tonsil operations, hydrobromic ether as anesthetic in, Wishart, 494.
Tonsillitis, follicular, Brown, 342.
Torticollis, following adenotomy, Ingersoll, 512, 560.
Toxemia from suppuration of the temporal bone, Eulenstein, 797.
Trachea tuberculosis, Gideonsen, 347.
Tracheotomy, Kahn, 828.
Tracheotomy and intubation under sero-therapy, Siegert, 346.
Tracheotomy tube, accident with, Cox, 467.
Tubercular ancestry predisposition to ear disease, Ostman, 807.
Tuberculosis, larynx, Farrell, 582; Klug, 807; Kuttner, 822; Levy, 196, 362, 555; Price Brown, 44; Veis, 825.
Tuberculosis, middle-ear, Goldstein, 569.
Tuberculosis, middle-ear in, Collins, 338.
Tuberculosis, nose, primary, Halasz, 815.
Tuberculosis, pharynx, Veis, 820.
Tuberculosis, prevention by rhinologist, Pottenger, 507.
Tuberculosis, trachea, Gidionsen, 347.
Tuberculous mastoiditis, McCaw, 143.
Tuberculous meningitis, McCaw, 143.
Tuberculous otitis media, McCaw, 143.
Tumor, cerebellum, Day, 526, 584.
Tumor, middle-ear, Braislin, 333.
Turbinate, inferior, osteo-sarcoma, Newcomb, 145.
Turbinate, middle, relation to chronic diseases, Baker, 147.
Tympanic cavity epithelioma, Haskin, 581.

Tympanic cavity exenteration, Gradenigo, 793.
Tympano-mastoid exenteration, Payne, 501.

UVULA, epithelioma, McCaw, 579.

VENOUS system of neck, Dench, 581.
Vibration massage of the drum, Schwabach, 139.
Vincent's angina, Thompson, 820.
Vocal cord, right, paralysis due to thoracic aneurysm, Baron, 345.
Vocal cords, ulceration, Phillips, 661.
Vocalization, cinchonism effects on, Seiler, 159.
Voice, loss of, Williams, 345.

X-RAYS in foreign bodies in esophagus, Allen, 669.